

Form PTO-1449 COMMERCE (REV. 7-80)		U.S. DEPARTMENT OF PATENT AND TRADEMARK OFFICE					
Atty. Docket No. GB 000166		Serial No. 09/998,032					
Applicant JEFFREY A. CHAPMAN ET AL.							
Filing Date 11/29/01		Group 2871					
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)							
U.S. PATENT DOCUMENTS							
Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
A	AA	0 0 1 9 3 7 4	9/6/01	IZUMI ET AL. (Patent App. Pub. 2001)	349	43	
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- class	Trans. Yes No
	AG						
	AH						
	AI						
	AJ						
	AK						
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AL						
	AM						
	AN						
Examiner				Date Considered			
				6/24/04			
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IDS (Probably filed 11/4/2002) Rec'd

November 12, 2003

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U.S. PATENT DOCUMENTS							
Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- class	Trans. <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <div>Yes</div> <div>No</div> </div>
AG	E P 0 5 1 8 4 2 2	12/16/92	EUROPE	C03C	17/10	X	
AH	W O 9 9 5 9 0 2 4	11/18/99	PCT	G02F	1/1343	X	
	AI						
	AJ						
	AK						
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)							
AL	"Conductivity Enhancement of Transparent Electrode by Side-Wall Copper Electroplating", J. Liu et al, SID 93 Digest, pp. 554-557						
	AM						
	AN						
Examiner				Date Considered			
				06/24/04			
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IDS filed 11/29/2001